

[HOME](#) [PATENTWEB](#) [TRADEMARKWEB](#) [WHAT'S NEW](#) [PRODUCTS&SERVICES](#) [ABOUT MICROPATENT](#)

Search



List



First



Prev



Next



Last

**MicroPatent's Patent Index Database:** [Complete Family of JP1013019A]

1 record(s) found in the family

**Order Selected Patent(s)****JP1013019A** ☐ **19890117** FullText**Title:** (ENG) ALDOSE REDUCTASE INHIBITOR**Abstract:** (ENG)

**PURPOSE:** To obtain the titled inhibitor containing a specific chalcone derivative as an ingredient and useful in prevention or remedy for various kind of complications in diabetes such as cataract, retinopathy, nerve disorder or renal disease.

**CONSTITUTION:** A compound expressed by the formula (X and Y are H or a bond hand together; R1 is H, acetoxy, carboxymethoxy or methoxycarbonylmethoxy; R 2is isoprenyl, isopentyl, n- propyl or H; R3is OH or methoxy; R 4and R5are H, OH or methoxy provided that when R5is OH, R1and R 3are OH and R2is H and when R 1is OH and R2is isopentyl, R3 is OH and R5is H, etc.), e.g. 1-(2,4-dihydroxyphenyl)- 3-(3,4- dihydroxyphenyl)-1- propanone is contained as an active ingredient. The above-mentioned compound is administered in doses of 60W500mg three times daily as oral agent and in doses of 1W30mg daily as parenteral agent.

**Application Number:** JP 14216687 A**Application (Filing) Date:** 19870609**Priority Data:** JP 14216687 19870609 A X;**Inventor(s):** CHIN MASAO ; SATO SHUNJI ; HOSAKA KUNIO ; MIHASHI HIROSHI**Assignee/Applicant/Grantee:** TSUMURA & CO**Original IPC (1-7):** A61K03112; A61K03122; A61K031235; C12N00999; C07C04982; C07C04984; C07C06912; C07C069708; C07C06994**Other Abstracts for Family Members:** DERABS C89-059210**Other Abstracts for This Document:** DERC89-059210**Patents Citing This One (4):**

- US5928670A 19990727 US HEALTH US  
Method of inhibiting aldose reductase in vivo with intrinsic inhibitors of aldose reductase
- US5738878A 19980414 US HEALTH US  
Process for making intrinsic inhibitors of aldose reductase
- US5560936A 19961001 US HEALTH US  
Intrinsic inhibitors of aldose reductase
- WO2005054170A1 20050616 TAKARA BIO INC JP; OHNOGI HIROMU ; SUGIYAMA KATSUMI ; ENOKI TATSUJI ; KOBAYASHI EIJI ; SAGAWA HIROAKI ; KATO IKUNOSHIN  
REMEDY

**Legal Status:** There is no Legal Status information available for this patent

Search



List



First



Prev



Next



Last

Copyright © 2002, MicroPatent, LLC. The contents of this page are the property of MicroPatent LLC including without limitation all text, html, asp, javascript and xml. All rights herein are reserved to the owner and this page cannot be reproduced without the express permission of the owner.